

ALUMNI BULLETIN

OF

LEHIGH UNIVERSITY

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Sent free to all graduates and former students of Lehigh University

PUBLICATION COMMITTEE

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Number 1

THE ALUMNI BULLETIN will be sent free of cost to all Lehigh men for one year. The expense of publication will be met out of the current funds of the Alumni Association.

"We want every man who has ever been a student at Lehigh University to join the Alumni Association."—P. A. Lambert, Secretary-Treasurer, Bethlehem, Pa.

Readers of the BULLETIN are requested to notify the University of changes in address of themselves and of former fellow students so that the ALUMNI LIST, published by the University, may be as accurate as possible.

The BULLETIN urges alumni to contribute news. Items should be sent to the Editor.

President Drinker to Alumni

A Letter on the University's Conditions and Needs

To My Fellow-Alumni of Lehigh:

Our new year has opened satisfactorily. We have as large a body of new students as the University's plant and teaching force can properly handle, and the Freshmen appear to be a rather unusually well-prepared set of men. The University's plant is in good order, and you will have an opportunity, if you visit us on November 20 for the Lafayette game, to inspect it—to give us your advice on our present general status and to consider what you can do to aid us to improve it.

The increasing good-will and co-operation between the Bethlehems and the University is a matter of congratulation to our friends of the towns and to us. This is as it should be—a cor-

dial feeling of co-operation between town and gown.

Though we may with justice claim that the University is doing its duty to the student body and to the country, still our opportunities for improvement—without expansion in the character of our work and without the introduction of any new courses—are many and of importance. Lehigh has now so proved herself that her work is known to be honest and of value. Her alumni are no longer spoken of as wholly young men, from a young college. We celebrate next June our Fiftieth Anniversary, and surely the time has come when those of our older alumni who have made distinguished successes in the world, and very many of them have done this, should turn

to the Alma Mater with help and financial aid to do better than which she has well done in the past.

What we need, and need urgently, is increase of endowment for better pay of teachers—for enlargement of our teaching force without enlargement of our student body—for some betterment of plant and equipment, and for increased income to meet expenses that have not been fully provided for in the growth of the University in the last decade. No money can be better placed as a monument to the donor than in the establishment of an Endowment Fund for particular or general purposes of education, and I appeal to my fellow-alumni who have prospered—often as a result of their training here—to bear this in mind and to act on it.

The Alumni Endowment Fund affords a means for those of us who are not in a position to make large endowment gifts to substantially aid the University by contributing to this fund, which has now reached \$88,292 in cash payments. Every alumnus can afford to subscribe to it, and doubtless many of those who have once subscribed will aid the good cause by further subscriptions. Remember that a man subscribing, say, \$25, \$50, \$100, \$500, or \$1000, is not called on to pay it at once, but only in annual installments of ten per cent. spread over a series of years. What a splendid evidence of united interest and aid to the Alma Mater it would be if, by our Fiftieth Anniversary, there should be chronicled a large alumni endowment from this source, representing our men far and wide in all parts of this country and of the world.

Our alumni are steadily increasing the number of local organizations throughout the country. I expect to have the pleasure of meeting, during this month, with our Inter-Mountain Lehigh Club at Salt Lake City, and with our California men at San Francisco, and I am looking forward this year to a meeting with our Lehigh Club in Canada.

We have good right and title to feel optimistic; but if the kindly expressions of good-will and confidence I have received from my fellow alumni

are meant, and I know that they are meant, I appeal to you all for deeds to follow your kindly words.

The alumni did yeoman service in the past in support of the Alumni Subscription Fund twenty years ago in Lehigh's days of severe financial stress, and during the last few years the alumni have approved and largely subscribed to the Alumni Endowment Fund. But surely you, who are so largely concerned in large business enterprises, appreciate that Lehigh can no more stand still and prosper than a business that is content to stand still will continue to prosper. We must keep up with the times, and continually look to bettering our work to keep in the van of educational progress, and I ask you for active practical manifestations of your loyal support of and love for Lehigh, so that we, who have labored in storm and in sunshine for Lehigh these many years, may see and know that we have behind us and with us today, as we have had in the past, not only an army of good fellows, but loyal co-workers who back their kind words by effective deeds, and give Lehigh such help as they feel they can give, and thus enable her to carry on and better the work of service to which she has now been devoted for half a century.

HENRY STURGIS DRINKER, '71.

Students Voted Degrees

The Faculty of Lehigh University, at a meeting on October 4, voted degrees to the following members of the Class of 1915: Bachelor of Arts, Ralph Armfield Weatherly, Kernersville, N. C.; Civil Engineer, Jewell Stanly Clark, Quakertown, Pa., and Cyrus James Kearney, Baltimore, Md.; Mechanical Engineer, Henry Davis Jay, Baltimore, Md.; Engineer of Mines, James Philip Cahen, jr., New York City; Kingfan Chang, Swatow, China, and Chiuting Mo Wang, Foochow, China.

Vice-President Emery represented the University at the inauguration of Dr. Henry Noble MacCracken as President of Vassar College, Poughkeepsie, N. Y., on October 13.

BEGINNING OF FIFTIETH YEAR Lehigh Has a Record Attendance and General Bright Outlook

The University opened on Wednesday, September 15, for its fiftieth year. At exercises in Packer Memorial Church, President Drinker made announcements of changes in the teaching force (given in detail elsewhere in this issue) and addressed the assemblage of students, alumni and townspeople, making references to each.

Emphasizing Lehigh's hearty sympathy with South Bethlehem in the celebration of its Semi-Centennial, Dr. Drinker went on to say:

"Next June we expect a great gathering here of Lehigh's sons on Alumni Day, and younger brethren who will be here at the time will have an opportunity of storing up a memory of the events to recount to their younger brethren of the alumni when they gather here in nineteen hundred and sixty-six to celebrate our centennial, an event to which we older alumni can look forward in spirit but hardly in bodily presence.

"The University's record during the last year in public service—in addition to its regular scholastic work—has been of importance."

Dr. Drinker touched upon the extension courses of the University for public school teachers and mechanics and steel workers and upon the Big Brother and other service of the Young Men's Christian Association. He then sketched what Lehigh is doing along national lines in support of the Summer Military Instruction Camps for students and in participation in engineering defense projects.

"The public press announces the personnel of the new National Advisory Naval Board, on which Professor Joseph W. Richards well represents the Electrochemical Society of which he is a past president.

"The engineers of the country, members of the five great engineering societies, the American Society of Civil Engineers, the American Institute of Mining Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers and the American Institute of Consulting Engineers, have recently each appointed committees to work toward a national organization of the engineers of the country with the object of placing at the service of the government engineers of all the professional branches who shall enroll and be ready to be called on for engineering service should a national emergency arise in which they would be needed. It is one of the most valuable and practical movements for national preparedness and defense that has been inaugurated. The chairmen of these five committees—representing the civil, mining, mechanical, electrical and consulting en-

gineers of the country, have been constituted the Central Working National Committee of five—and Lehigh has had an active part in this national work—her President serving as Chairman of the Committee from the American Institute of Mining Engineers and, therefore, as a member of the National Committee of five. * * * *

"The University continues its active interest and work in the great national subject of the promotion of the conservation of our natural resources, and particularly of forestry. The President of Lehigh is President of the American Forestry Association and Vice-President of the National Conservation Congress.

"While we deplore the growing fatality on our loved chestnut groves, and the fact that the grove of spreading chestnuts of our Alma Mater, will soon be but a memory (as neither the government nor the State Forestry bureaus, nor the schools of forestry have found a remedy for the devastating chestnut blight)—we may take consolation in the fact that the fifty thousand evergreens that we have planted on South Mountain will, in time, take the place of our chestnuts, and I commend to your attention and study our developing arboretum on the mountain, and our demonstration stand of native woods, planted to show, as they grow, what may be done in our country by systematic and scientific forestry.

"We now open our new university year. I extend a hearty welcome to you all. I commend the incoming class to the hospitality and kindly care of their older brethren in Lehigh—and enjoin on you the continued maintenance of the fraternal, loyal Lehigh spirit that has ever characterized our Alma Mater—of which, with my companion students of the early Lehigh days—I saw the dawning half a century ago—and which it is your privilege and duty to foster and promote."

The new men in the University, including Freshmen and those entering in advanced standing from other colleges, number well over 250. When the enrollment for the year is completed it will show more students than in 1914-15, which was the largest registration in the University's history, up to that time.

Y. M. C. A. Naturalization Class

During August and September, a naturalization class was conducted by the Young Men's Christian Association of the University, in which Lehigh students taught 38 foreign workmen of the Bethlehem Steel Company. Ninety per cent. of the class, which embraced eight nationalities, were successful in the examination at Easton on October 6, and are now American citizens. Another class will be started in November.

FOUNDER'S DAY OBSERVANCE

Judge Trexler, of the Superior Court,
Gave the Address

The annual Founder's Day exercises were held in Packer Memorial Church at the University, on Saturday morning, October 2. The orator of the day was the Hon. Frank M. Trexler, of Allentown, a Judge of the Superior Court of Pennsylvania, who paid tribute to the life and service of Lehigh's founder:

"It is well to remind this generation of the important part performed by Asa Packer in the development of this state, for he took a prominent part in the political and legislative activities of the state and nation, and by his largeness contributed munificently to the educational advancement of the country. Some one has said that almost as important as the actual achievements of the great is the example they set and the inspiration they give to those who come after them. The path of the just is as a shining light, shining more and more unto the perfect day. These great brothers of ours still speak to us from their graves and beckon us on in the paths which they have trod. Their example is still with us to guide us, to influence and to direct us. For nobility of character is a perpetual bequest, living from age to age and constantly tending to reproduce its like. The names and memories of great men are the dowry of a nation, and their example lives, a continued stimulant and encouragement for him who has the soul to adopt it."

Judge Trexler's address has been printed in the Founder's Day pamphlet series and copies may be obtained upon application to the University.

Lehigh Men at Instruction Camps

Twelve students of Lehigh were at Plattsburg for six weeks in July and August in attendance at the third annual Students' Military Instruction Camp. Three of the twelve were appointed as non-commissioned officers in their respective companies: M. W. Kresge, '16, First Sergeant, Company H; H. D. Keiser, '16, Corporal, Company H; Owen R. Rice, '17, Corporal, Company G.

Dr. Drinker, who is President of the Society of the National Reserve Corps, the organization of the student-soldiers, paid two visits to the Plattsburg Camp in company with Major-General Wood and one visit to the camp at Ludington, Mich.

The following is one of a number of

similar letters received by Dr. Drinker from parents of Lehigh students after their return from Plattsburg:

"President H. S. Drinker,
Lehigh University.

"Sir: Permit me to inform you that my son . . . arrived home this week in perfect health, due greatly to the excellent training and mode of living while at camp.

"I thank you very, very sincerely. Drinker, for I know it was your kindly interest that induced . . . to take the training. He thoroughly enjoyed it, and has expressed the desire to attend next year.

"Yours respectfully,

"....."

SEMI-CENTENNIAL OF TOWN

South Bethlehem Celebrated Anniversary—Lehigh's Share

The wide fame enjoyed by the Bethlehem Steel Company attracted more than ordinary outside attention to the program arranged by the town that is the home of the Steel Company in celebration of its fiftieth anniversary as a borough. On October 3-9, South Bethlehem dressed for the occasion in red, white and blue, had daily parades, exercises, speeches and fireworks and entertained thousands of visitors who came with congratulations upon what the Philadelphia "Public Ledger" termed "prosperity within its gates."

In the various events of the week Lehigh University took an active part. The students contributed a picturesque snake dance at the Mardi Gras opening of the festivities.

The speaker to sound the keynote at the first day's public exercises was President Drinker, who gave "Memories of Old Time South Bethlehem." Messrs. Charles M. Schwab, Warren A. Wilbur and A. N. Cleaver, of the University Board of Trustees, served on the celebration committees, and Mr. Schwab delivered an address. For the track and field events, which had as contestants A. Kiviat, Ted Meredith and other well known stars, and for the championship soccer game, the University contributed the use of Taylor Field and Stadium. Altogether the celebration furnished pleasant evidence of the new spirit of cordiality between town and gown.

TREE PLANTATION

Development of Area in University Park for Forest Demonstration

The most recent activity of Lehigh University along forestry lines is the establishment of a plantation of timber trees on South Mountain, above Sayre Park, designed to show the adaptability of certain species to a definite soil, location and environment. This demonstration plantation, laid out by the University under the personal direction of two eminent foresters, Dr. J. T. Rothrock, former State Commissioner of Forestry, and Mr. S. B. Elliott, member of the State Forestry Reservation Commission, will, it is expected, prove of marked scientific and economic importance.

Upon an area of seven acres adjoining the University arboretum—a tract approximately triangular—8600 seedlings have been planted in eighteen compartments, each about 100 feet square, with five smaller triangle plots. The tiny trees, most of which were furnished by the State nurseries, include groups of from 100 to 700 pine, spruce, larch, cypress, oak, cucumber, poplar, cherry, maple, ash, birch, elm and hemlock trees, embracing twenty-five varieties.

To supply evidence in the issue, debated among foresters, as to whether pure or mingled stands are best, the planting at Lehigh was arranged so that only one-half of each compartment is of the same species, the other half being of mingled species. In the words of the well known and venerable expert, Mr. Elliott, "the forester of the future can see which is best in like situations. Thus there is furnished an object lesson of great value."

Mr. Elliott, speaking at the Foxburg meeting of the Pennsylvania Forestry Association, declared that, in its participation in the forestry movement, Lehigh is

"doing more practical work in educating the people than any other institution in our country; and for this good work, this painstaking, generous, patriotic, financially unremunerative work, we are indebted to the far-seeing wisdom of the donor of the necessary funds to carry it on—a donor who stands unknown to the public which is benefitted by that wisdom and liberality. And we are also indebted to the wise foresight of Dr.

Drinker who saw the greatest needs of the country, and who carefully worked out for the benefit of the people the broad scheme of education indicated. Therefore, the people of this country should do homage, and be grateful for all this to these two who, as I have heretofore said, saw, and dared, and did."

WITH THE FACULTY

At the meeting of the Pennsylvania Forestry Association, held at Foxburg, Pa., recently, a paper on "A Demonstration Tree Plantation at Lehigh University," written by Vice-President Emery, was, in the absence of Mr. Emery, read by President Drinker. The paper was printed in the August issue of the journal, "Forest Leaves."

Upon invitation of President MacCracken, of Lafayette College, Professor Stewart is giving two lectures a week in Economics to Seniors at Lafayette to supply a vacancy in that department this term.

Professor Richards presided at meetings at San Francisco in September of the Iron and Steel Sections of the American Institute of Mining Engineers and International Engineering Congress, and read a paper before the Section on Materials of Construction of the Engineering Congress, on "Engineering Uses of Aluminium." He also was in charge as Secretary at sessions of the American Electrochemical Society.

At the opening exercises of the University, President Drinker announced the following promotions in the teaching force:

James C. Ashby, A.B., Assistant in Chemistry becomes Instructor in Chemistry.

James S. Long, Ch.E., Assistant in Chemistry becomes Instructor in Chemistry.

Arthur S. Callen, El.Met., Assistant in Metallurgy becomes Instructor in Metallurgy.

Also the following new appointments on the teaching staff:

Robert L. Rhoads, B.S. in M.E., (Pennsylvania State College, '12) Instructor in Mechanical Engineering.

Stewart Chandler, Ph.B. (University of Chicago, '12), Instructor in French.

John H. Bickley, B.S. (University of Pennsylvania, '14), Instructor in Accounting.

Peter Hoekstra, B.A. (University of Michigan, '10), M.A. (University of Michigan, '11), Ph.D. (University of Pennsylvania, '15), Instructor in History.

William E. Lewis, A.B. (Haverford College, '12), Ch.E. (Lehigh University, '15), Instructor in Chemistry.

President Drinker also announced the resignation of Professor William S. Franklin, who, after eighteen years of service, has retired from the chair of physics. The department will for the present be under the charge of Professor Barry MacNutt.

W. H. Sterner, C.E., '14, has recently been appointed Instructor in Mathematics.

The title of John M. Toohey, B.A., '09, has been changed from Instructor in French to Instructor in Romance Languages.

Lehigh University will be represented, at the inauguration of Dr. John Henry MacCracken as President of Lafayette College, on October 20, by Vice-President Emery, Professor Klein, Dean of the Faculty, and Professor Thornburg, Secretary of the Faculty. Lehigh conferred the honorary degree of Doctor of Laws on Dr. MacCracken on February 22, last.

Resignation of Professor Franklin

Dr. William S. Franklin has resigned as Professor of Physics in Lehigh University, after eighteen years of service. He will make a tour of universities and technical schools in the South and West during the fall and winter, giving a number of theoretical and experimental lectures.

Professor Franklin has had an exceptional career as a scientist and teacher. He was graduated from the University of Kansas in 1887 and received the degree of Master of Science there the following year. He later studied in the University of Berlin, Harvard University and Cornell University. Cornell conferred the degree of Doctor of Science upon him in 1901.

Dr. Franklin's early teaching was as Assistant Professor in his Alma Mater, the University of Kansas, and in the Iowa State College where, from 1892 to 1897, he was Professor of Physics and Electrical Engineering. It was in this capacity that he was called to Lehigh University in 1897. Since 1903 Dr. Franklin had been Professor of Physics.

During his service at Lehigh Professor Franklin won wide attention and reputation in the scientific world. He has been joint author with various others of important text books on physics and electricity. He contributed numerous papers published in "Science," "American Journal of Science," "Physical Review," and other journals. He has been a speaker at various meetings of the Society for the Promotion of Engineering Education, the American Institute of Electrical Engineers and other societies.

Professor Miller in South America

The Editor of the ALUMNI BULLETIN is in receipt of a letter, dated Santiago, Chile, September 6, from Dr. B. L. Miller, Professor of Geology in the University, who, with Professor Singewald, of Johns Hopkins University, is absent on leave in South America. Dr. Miller writes, in part:

"While at Braden Copper Mines last week I met Ward ('14), J. T. Rees ('10), and Danner ('14), all of whom are making good. They gave us a fine dinner one night, the first Lehigh dinner we have had in South America. We shall see a number of Lehigh men in the nitrate fields of North Chile, in Peru, Ecuador, Costa Rica, and Cuba. At Tofo, where we spent almost a week, we met Nagle ('08), who is doing excellent work. Everywhere we have gone we have been most cordially welcomed, and when we finally reach home we shall have seen most of the important mine districts of South America. As yet we have not attained our aim to reach an altitude of 20,000 feet, the highest being 18,500, but we hope to do some climbing in Peru and Ecuador."

Lehigh and "Mineral Industry"

Lehigh is well represented in the fourteenth volume of "The Mineral Industry," published in August, giving world data for the year 1914. The book is edited by G. A. Roush, Assistant Professor of Metallurgy in the University. The following alumni or

members of the Lehigh teaching force are contributors: Dr. J. W. Richards, Professor of Metallurgy, chapter on Aluminium; R. L. Bartlett, Instructor in Mining, chapter on Zinc; A. S. Callen, Instructor in Metallurgy, Selenium and Tellurium; Siegfried Fischer, former Instructor in Metallurgy, Radium, Uranium and Vanadium; F. F. Hintze, jr., Assistant Professor of Geology, Copper; Samuel H. Salisbury, jr., Assistant Professor of Industrial Chemistry, Sodium, Sodium Salts, Pyrite and Sulphuric Acid; Kenneth H. Read, '15, Arsenic.

C. C. Jones, B.S. in Mining and Metallurgy, '87, consulting engineer of Los Angeles, presented a paper before the American Institute of Mining Engineers at San Francisco in September on "The Iron Ores of the Pacific Coast."

John Wiley & Sons, Inc., have published this fall a revised and enlarged edition of "Elements of Railroad Track and Construction," by Winter L. Wilson, C.E., '88, M.S., '01, Professor of Railroad Engineering in Lehigh University.

Homer D. Williams, '90, has been made President of the Carnegie Steel Company, of Pittsburgh.

Lehigh Men in the Limelight

Dr. Drinker, '71, President of the American Forestry Association, has gone to California to preside at the joint meeting, at San Francisco, on October 20, of the Association and the Northwestern Forestry and Conservation Association and various lumbermen's organizations of the West. He is to open the meeting with an address, "Forest Relations Between the East and West, as the East Hopes to See Them."

Hon. J. Davis Brodhead, '85, Judge of the Northampton County Court, is a candidate to succeed himself, having gained nomination at the non-partisan primary in September, with the largest vote polled.

"Some Where in France," a book of short stories by Richard Harding Davis, '86, is published this fall by Charles Scribner's Sons.

William D. Ainey, '87, former Congressman and member of the House Committee on Foreign Relations, has been appointed Chairman of the Public Service Commission of Pennsylvania.

C. A. Buck, B.S. (in Chem.), '87, Vice-President of the Bethlehem Steel Company, is at Tofo, Chile, where he is inspecting the work of extending the Company's ore property.

Scribner's Magazine for November contains a short story, "Her Own Sort," by Charles Belmont Davis, '87.

Paul M. Payne, C.E., '91, M.A. (Hon.), '13, of the editorial staff of the Syracuse "Post-Standard," on October 1 began service as Librarian of the Syracuse Public Library. Of Mr. Payne's appointment the Syracuse "Herald" said editorially: "An ardent bookman, with a wide range and variety of literary knowledge, he will assume his official obligations with enthusiasm and devotion; and his long newspaper training will specially qualify him to discharge them well."

Bulletin 60 of the U. S. Bureau of Mines, recently published, is a report by Charles Enzian, C.E., '01, M.S., '13, of Wilkes-Barre, on "Hydraulic Mine Filling: Its Use in the Pennsylvania Anthracite Fields."

Dr. William Frederic Bad , '02, Professor of Semitic Literature in the Pacific Theological Seminary, at Berkeley, Cal., is the author of "The Old Testament in the Light of Today," published this month by the Houghton-Mifflin Company. Dr. Bad  has been appointed literary executor of the late John Muir and he has edited a volume of Muir's "Alaska Journals," to appear from the Houghton-Mifflin press this fall.

Harvey E. Jordan, B.A., '03, M.A., '04, Professor of Histology and Embryology in the University of Virginia, is the joint author with Professor Furgeson, of the Cornell Medical School, of a new book on Histology.

PRESENTS PEACE PLAN

J. W. Leithead, '83, Proposes Method of Arbitration Combined with Force

Under a scare-head, "New Peace Plan by Philadelphian," the "Philadelphia Inquirer" recently gave an account of a proposal to bring about permanent peace as worked out and presented by John W. Leithead, '83. A copy of Mr. Leithead's plan has been forwarded by Ex-President Taft, who presided at the peace convention in Philadelphia last June, to Mr. Short, of New York, Secretary of the Peace Society. Mr. Leithead has received from Colonel Roosevelt a letter expressing interest in the plan.

The "Inquirer" article read, in part, as follows:

"My scheme," said Mr. Leithead, "embraces two divisions, arbitral and military.

"The arbitral division shall consist of what is now known as The Hague Tribunal, with powers somewhat increased and broadened, and it shall have control of the military division. To it shall be referred all disputes between nations that cannot be settled by themselves. Its decision shall be final, and enforced if necessary by the military division.

"The military division shall consist of an international army and navy, the army to be centralized and stationed in neutral accessible territory. A portion of Belgium or of France, with sea-coast large enough for the accommodation of five to ten million men, might be set apart and dedicated to this noble purpose, or if this is not feasible at first, each nation in the compact shall set apart and neutralize a small district, large enough for the accommodation of its portion of the international army, placing all its jurisdiction in the hands of the arbitral division, somewhat like the District of Columbia in the United States.

"The composition of the army is to be made up of a just proportion of men from each nation in the compact and the expense borne accordingly. This proportion need not be exact and may be governed by considerations of population and territory to be protected.

"Absolute safety of our local and national investments, as well as humanity, peace and comfort, are sufficient reasons for us to look about for a plan of agreement among nations to absolutely prevent war and secure justice with dignity.

"The realities of the warring nations and sympathetic governments, since the great European war began, are proofs of our need brought home to every living man, woman and child.

"It may be part of the agreement to use this court of arbitration and its army and navy for purposes of settling internal strife or to prevent civil war."

Fire Safety Work of Mr. Porter, '78

The "New York Times Magazine," of August 29, contained a three-quarter page article describing the work being done by the New York Department of Charities to make the city's hospitals safe from fire. The author of the idea and scheme of protection now being installed is H. F. J. Porter, M.E., '78, Industrial Engineer, "who has made a scientific study of the fire prevention problem. He was appointed adviser on the fire hazard to the New York State Factory Investigating Commission, when that body was created by the Legislature four years ago, as a direct result of the agitation for greater safety in crowded buildings following the disastrous fire of the Wolff factory at Newark in the fall of 1910 and the Triangle Waist Company's fire in this city in the spring of 1911, in both of which many lives were lost. . . .

"Mr. Porter's suggestions were accepted and are being carried out.

"This principle for hospital buildings is similar to the method I developed some time ago of safeguarding other buildings from fire," explained Mr. Porter. "The method is to provide fireproof division walls with doorways, closed by self-closing fireproof doors, thus dividing the building into sections, so that wherever a fire might occur it could be confined there."

The "Times" article described the details of the plan worked out by Mr. Porter, which includes, besides fire walls with self-closing metal doors, a new fire signal system and attachments by which patients' beds may be wheeled to safety.

Dr. Richards on Naval Advisory Board

"The Philadelphia Press" of September 14 had a photograph of Dr. Joseph W. Richards, A.C., '86, M.S., '91, Ph.D., '93, Professor of Metallurgy in Lehigh University, together with the following sketch:

Dr. Richards is one of the most noted authorities on aluminum in the world. He was born in Oldbury, England, July 28, 1864. He was graduated from Central High School, Philadelphia, in 1882, and from Lehigh University in 1886. He was a member of the United States Assay Commission, 1897; representative of the Franklin Institute to the International Geological Congress in Russia in 1897, member of the jury of awards department of chemistry at the National Export Exhibition in Philadelphia, 1899; president of the chemical section of the Franklin Institute, 1897 to 1899; member of the Faraday Society; Deutsche Bunsen Ges., American Chemical Society, American Institute of Mining Engineers, and chairman of the jury of awards of the department of metallurgy, Panama-Pacific Exposition.

Dodsons Will Erect 400 Houses

Weston Dodson & Company have begun the erection of 100 houses on a thirty acre tract just east of Bethlehem, to which the new Minsi Trail bridge now crosses from the Bethlehem Steel Company's plant. The houses will be of steel and hollow tile construction, including a number of four-family apartments. The plan is to build 400 houses within the next four years.

Alan C. Dodson, B.S., '00, is Vice-President of Weston Dodson & Company and Truman M. Dodson, B.S., '00, is also an official of the company. W. F. Banks, C.E., '09, has been appointed Superintendent of Construction on the new work.

Alumni in Pioneer Leaching Work

H. A. Tobelmann, B.S. in Met., '00, Metallurgist of the New Cornelia Copper Company at Ajo, Arizona, is spending two months in the East along with Mrs. Tobelmann and their two children.

In a recent visit to the University Mr. Tobelmann described work being done by the New Cornelia Copper Company along pioneer lines. The Company is about to begin construction of a leaching plant of 5000 pounds daily capacity at Ajo to treat fifty million tons of developed copper oxides. This is the first time leaching has been undertaken on a large scale.

Andrew D. Jamieson, El. Met., '13, is Superintendent of the Tank House with the New Cornelia Copper Company.

Narrow Escape of C. C. Thornburg, '11

Chesley C. Thornburg, C.E., '11, son of Professor Thornburg, of the University Faculty, was in an automobile that plunged over an embankment 50 feet high near Warren, Pa., on September 29. Ray Dickinson, District Superintendent of South Penn Oil Company, under whom Mr. Thornburg is employed, was killed in the accident. O. O. Crowell, another employee who was in the car, sustained fractures of the shoulder and arm and internal injuries. Mr. Thornburg escaped with minor bruises.

Sanitary Safety in Swimming Pools

The July 10 issue of the Journal of the American Medical Association contained an editorial on "The Practical Disinfection of Swimming Pools," which closed with the following reference to work done by Stanley J. Thomas, M.A., '13, Instructor in Biology at Lehigh:

"In tests conducted recently at the Taylor Gymnasium pool at Lehigh University, South Bethlehem, Pa., S. J. Thomas has obtained encouraging results by the employment of copper sulphate in place of calcium hypochlorite. The possibilities of the application of copper sulphate as an algicide and disinfectant in polluted water are not new. The results recorded by Thomas are sufficiently promising to deserve further consideration by hygienists. He has summarized what he regards as the advantages of copper sulphate over calcium hypochlorite as a disinfectant for swimming pools as follows: It is more effective because it does not undergo chemical change readily. Hypochlorite owes its power to the chemical reactions involved in liberating chlorine, whereby it is converted into a useless product. Copper sulphate is not irritating to the eyes and mucous membranes, as the hypochlorite may be when used in germicidal quantities. It is cheaper and has no odor. If all other conditions were equal, the last fact alone would prove to be a great advantage."

Watertown Y. M. C. A. Wants Picture

Alumni, individually, and in clubs, continue to donate to the high schools and preparatory schools they attended framed pictures of the University. A number of requests from Young Men's Christian Associations, when referred to alumni in the vicinity of the Association, have been promptly attended to. The Registrar of the University, who has been handling picture transactions, now has a letter from the Boys' Work Secretary of the Young Men's Christian Association in Watertown, N. Y., where the Association has a new \$400,000 building. There are no Lehigh alumni in Watertown. Any person or persons wishing to donate framed views of the University to this Association should write the Registrar. The cost, including framing and expressage, is about \$5.

Class of 1906.—J. Talbott Todd, C.E., has been appointed a member of the Committee of Tellers of the Engineers' Club of Baltimore.

Fall and Winter Athletics at the University

LAFAYETTE—LEHIGH

Official Announcement of Athletic Committee Concerning Tickets

The Lafayette-Lehigh football game will be played on Taylor Field, South Bethlehem, on Saturday, November 20. The game will be called at 2 p.m. sharp.

All ticket arrangements will be handled by Prof. H. R. Reiter, Secretary of the Athletic Committee, Lehigh University, South Bethlehem, Pa., and alumni of both Lafayette and Lehigh should address him. Applications will be received by Professor Reiter up to Saturday, November 6, at 6 p.m. After this date seats will be placed on general sale at Metzger & Young's Drug Store, South Bethlehem; the Quality Shop, Bethlehem; A. J. Odenwelder, druggist, Easton; and H. E. Peters & Co., druggists, Allentown.

Each Lehigh alumnus (graduate and non-graduate) is entitled to purchase six tickets. Application blanks are enclosed with this issue of the ALUMNI BULLETIN, which the Lehigh Athletic Committee has named as its official medium for communication with alumni. No letters will be sent out, as in former years.

An alumnus who wishes more than six tickets may borrow the ticket rights of another Lehigh man who will not use them, if he presents written authority from the lender.

All tickets for this game cost \$1.50 each. A charge of fourteen cents will be made for postage and registration, and this is due on each order, whether of one or of six tickets. Checks should be payable to H. R. Reiter, Secretary.

Each applicant will be held responsible for the tickets allotted to him and should tickets be found in the hands of speculators the registered holder will be refused the privilege of advance applications in the future.

As far as is feasible requests for specified locations in the stands will be granted. Persons desiring seats together should pin or in some other way attach their application blanks to each other.

The Lafayette cheering section (which will be handled by W. G. Crowell, Easton) will be on the north side of the stadium, stands W and X. The Lehigh cheering section (to be arranged by Professor Reiter) will be on the south side of the stadium, stands G and H. Each undergraduate is entitled to a seat in the cheering section. Women will not be admitted to the cheering sections.

Tickets will be mailed to applicants about November 13.

Automobile parking space will be reserved on the University campus; charge, 50 cents per car.

Officials for the Big Game

The officials for the Lafayette-Lehigh game on Taylor Field on November 20, will be: Referee, C. J. McCarty, of Germantown; Umpire, Mr. Marshall, of Harvard; Field Judge, Mr. Whiting, of Cornell; Head Linesman, T. J. Thorpe, of Columbia.

Football Schedules

The schedules of the Lehigh and Lafayette teams, with scores to date, follow:

LEHIGH		L.	O.
Sept. 25—Ursinus	20	0	
Oct. 2—Indians	14	0	
Oct. 9—Yale	6	7	
Oct. 16—Albright, at South Bethlehem.			
Oct. 23—Muhlenberg, at South Bethlehem.			
Oct. 30—Gettysburg, at South Bethlehem.			
Nov. 5—State College, at State College, Pa.			
Nov. 13—Lebanon Valley, at South Bethlehem.			
Nov. 20—Lafayette, at South Bethlehem.			
Nov. 25—W. and J., at Washington, Pa.			

LAFAYETTE		L.	O.
Sept. 25—Muhlenberg	14	7	
Oct. 2—Ursinus	13	2	
Oct. 9—W. and J.	0	17	
Oct. 16—Princeton, at Princeton, N. J.			
Oct. 23—Albright, at Easton.			
Oct. 30—U. of P., at Philadelphia.			
Nov. 6—Swarthmore, at Easton.			
Nov. 13—Penn State, at Easton.			
Nov. 20—Lehigh, at South Bethlehem.			
Nov. 25—Dickinson, at Easton.			

FOOTBALL PROGRESS IS GOOD

Lehigh Defeats Ursinus and Indians and Outplays Yale

An early-season record that includes decisive victories over Ursinus and the Carlisle Indians, and an excellent showing against Yale, may fairly be called satisfactory and promising. In fact, so far as the outside world is concerned, the Lehigh team has already achieved wider note than success over more immediate rivals could bring. To have made six points to Yale's seven, and to have earned the verdict of leading newspapers that the Brown and White outplayed the Blue carries recognition and advertisement for Lehigh wherever football news is read.

Yale 7, Lehigh 6

It seems best to report the games thus far played (the ALUMNI BULLETIN goes to press October 12) in reverse time order. This is the account of the contest at New Haven, on October 9, as given in the New York "Tribune":

YALE TRIUMPHS,

BUT THE VICTORY

DOES NOT PLEASE

LEHIGH PLAYS THE BETTER FOOTBALL
IN BATTLE IN THE BOWL

TOUCHDOWN SAVES

BLUE FROM DEFEAT

HARRY LE GORE GETS IN GAME AND
DOES ALL THE SCORING FOR
THE BLUE

"New Haven, Oct. 9.—Yale defeated Lehigh by a score of 7 to 6 here this afternoon in a game which came about as near being a defeat for the Blue as anything could be. The men from Bethlehem outplayed Yale during the first two periods, when they scored three points on a drop kick by Cahall, and held the Blue even in the final quarter, scoring another three points. A rally in the third period, when Yale took on some of the old life and dash which characterized the eleven last season, resulted in a touchdown, from which Harry Le Gore kicked the goal and brought victory to Yale by the narrow margin of one point.

"A 43-yard run by Captain Wilson through a broken field, an exchange of punts which gave Yale the ball on the Lehigh 44-yard line, and a forward pass, Bentley to Taft, placed the ball within five yards of the Lehigh goal and paved the way for Le Gore's dash for the touchdown. Even then, as it turned out later, the touchdown would have just tied the score, but Le Gore's toe came into play and he kicked the goal easily, scoring the single point necessary for victory.

"The game was a tremendous disappointment to Yale enthusiasts, despite the fact that Yale won, for the New Haven team

showed no improvement over the form displayed in the Virginia game a week ago. Driving power behind the line, ability on the defense and, most of all, general team play were lacking.

"The Lehigh backfield tried fake end rushes for good gains through center repeatedly, and the Yale ends were boxed on numerous occasions. The Lehigh forward passes, beautifully executed by Chenoweth, were worked for long gains, and Yale's secondary defense seemed powerless to stop the Lehigh ends, except on rare occasions. On the offense the Yale lateral and forward passes did not work smoothly and failed to bring gains, while line rushing tactics brought results but little more satisfactory.

"The game was a rough one from start to finish. Frank Hinkey went on the field to remonstrate with the coaches on one occasion and to insist that a Lehigh player who jumped on Le Gore when the latter attempted to run with the ball after he had made a touchdown be put out of the game. The player continued in his position.

"Black, Betts and Baldrige, all new men this week in the line-up of the Yale team, were put out of the game with injuries.

"Chenoweth, the little quarterback whose play was a big factor in the excellent showing made by Lehigh, suffered a broken leg during the final period of play, and Halliwell replaced him.

"It was in the second quarter of play that Lehigh opened its forward pass attack. Chenoweth throwing and Sawtelle receiving proved a combination which made headway down the field at a rapid gait. Moseley had recovered Maginnes's fumble on the Yale 43-yard line, but Bentley fumbled almost on the next play and Chenoweth threw the ball to Sawtelle for a gain of thirty-five yards, and Cahall, standing on Yale's 25-yard line, booted the ball over for an easy field goal.

"The third quarter was distinctly Yale's. Captain Wilson returned Cahall's kickoff forty-three yards in a wonderful spring which gave Yale an advantage after an exchange of punts. Scovil tore through the Lehigh line for ten yards, Lehigh was penalized twice for offside and Wilson and Scovil made another first down. Bentley got off a forward pass to Taft, who carried the ball to the Lehigh 5-yard line. Then Le Gore, who has been playing on the scrub all season, was sent in. The crowd gave him a great ovation. The Yale hero justified the confidence a moment later, by taking the ball over the line for the touchdown.

"The Yale rally was short lived, however. Le Gore fumbled the ball, and Scruggs recovered it, endangering the Eli goal line. Maginnes tore through the Blue line for thirteen yards and Yale was penalized five yards for being offside, which gave Lehigh the ball on the Yale 10-yard line. Cahall gained three yards through the line, but the gain was more than offset by a 15-yard penalty inflicted on Lehigh for holding. Cahall then resorted to a drop kick. Standing on the Yale 30-yard line, he put it over the cross bar easily, making the final score of the game.

"A 15-yard penalty imposed on Yale for holding and a forward pass, Cahall to Green, which netted twenty yards, gave Cahall a chance to try a drop kick from the Yale 38-

yard line, but White, the Eli center, broke through and blocked the kick and the game was over as far as possible scores were concerned."

Yale (7).	Positions.	Lehigh (6).
Moseley	L. E.	Green
C. Sheldon	L. T.	Tate
Black	L. G.	Ostrom
White	C.	Scruggs
J. Sheldon	R. G.	Pons
Baldrige	R. T.	Richards
Betts	R. E.	Sawtelle
Thompson	Q. B.	Chenoweth
Scovil	L. H. R.	Cahall
Wilson	R. H. B.	Keady
Guernsey	F. B.	Maginnes

Referee—Fred Murphy. Brown. Umpire—Tom Thorpe, Columbia. Field Judge—Frank Burgin, Princeton. Head linesman—Ed. Thorpe, Columbia. Touchdown—Le Gore. Drop kicks—Cahall 2. Goal from touchdown, Le Gore. Substitutes—Yale: Allen for Betts, Walden for Black, Bentley for Thompson, Taft for Guernsey, Le Gore for Scovil, Smidt for Baldrige, Smith for Wilson. Ames for Bentley; Lehigh: Boland for Keady. Keady for Boland, Ostrom for Pons, Hallowell for Chenoweth. Hazletine for Maginnes, Heuer for Cahall, Robinson for Scruggs. Time of periods—twelve minutes each.

Extract from New York "Sun" of October 10:

"Only a rush in the third period saved Yale from defeat by a margin of one point. * * * Yale was outplayed in the first two quarters by a wide margin."

A paragraph from the New York "Times" of October 10:

"Beaten back and completely outwitted by Lehigh's forward passes and end runs from kick formation, Yale's single exhibition of consistent ground gaining in the fourth period, when the team made sixty-five yards, was enough for a victory. In the first half Lehigh carried the ball 230 yards to 10 for Yale, although the rushing of the visitors netted only a single field goal. In the second half Yale rushed 110 yards to 85 for Lehigh."

Lehigh 14, Carlisle Indians 0

The annual game between the Carlisle Indians and Lehigh, instituted four years ago, has been the important local contest of the early fall at Lehigh. In 1912 and 1913, with Thorpe as captain, the Indians won by comfortable margins. Last year, although they were still under the tutelage of Coach Glenn Warner, who is now at the University of Pittsburgh, the spell of the red men was broken and Lehigh was the victor, 21 to 6. The game on October 2 was of interest because it evened up the standing of four years of competition.

Whirlwind playing in the first

quarter won for Lehigh. Shortly after the initial kick-off "Jim" Keady carried the ball through the line for several four-yard gains. Then Cahall, on a right-end play, dodged, twisted and fought his way through the entire Carlisle team for sixty yards and a touchdown. He kicked the goal.

The second score was made on a forward pass, Chenoweth to Keady, after the ball had been taken down the field on a series of line plunges. Maginnes was responsible for many of these advances.

Carlisle braced in the next quarter and throughout the second half put up a strong game. Calac, the star Indian back, made some decisive gains and there was some pretty forward passing. But Lehigh put up an effective defense and the Brown and White goal was never in danger.

Lehigh 20, Ursinus 0

Lehigh defeated Ursinus by three touchdowns and two goals in the first contest of the season, on Taylor Field, September 25. All of the scoring was done in the first half. Maginnes went over for a touchdown in eight minutes. Cahall did not kick the goal.

The feature play of the game, a forty-yard forward pass, Chenoweth to Sawtelle, was followed by another, Chenoweth to Keady, and this put Lehigh on Ursinus's five-yard line. Keady scored on the next play. Cahall kicked the goal.

The third touchdown was the outcome of wrecking crew work by the back field. Maginnes took the ball over and Cahall kicked the goal.

In the second half Lehigh used numerous candidates. There was no scoring.

Statement of Professor Reiter

"The Brown and White" of October 12 had the following statement from Professor H. R. Reiter, Director of Physical Education in the University, relative to the Yale-Lehigh game at New Haven.

"Items have been published in various newspapers which are totally misleading. They make it appear that the game was unnecessarily rough.

"As one who watched the play carefully, I am unable to agree with this sentiment. The

game was stubbornly contested and there were moments when feeling ran high; but at no time did I see any willful, unnecessary roughness. In the case of Guernsey's injury, he dove headlong over the line and landed on his shoulder. In general it seemed to me that a number of the Yale men were in questionable physical condition when they entered the game and not prepared to stand a hard struggle.

"In regard to the injury to Keady's shoulder and the fracture of Chenoweth's leg, there was nothing to indicate foul tactics. Their hurts were accidental.

"As to the officials, we have no complaint to make except probably one of judgment in the decision of the referee giving the ball to Yale when Caball's kick was blocked in the third period.

"I feel that our team, with the exception of about eight minutes in the third quarter, outplayed Yale, particularly in ground gained through forward passing and end running. Every member of the team gave all that he had. Every man deserves the highest credit."

Soccer Now a Recognized Sport

Captain Henderson issued, on October 11, call for candidates for the Lehigh soccer team that brought out some fairly promising new material. Members of last year's squad now in college are: Captain Henderson, Lewis, Clement, Tizard, Lehr, Morrison, Jennings, Magee, Hoagland and Reese.

The team will play in a league composed of Haverford, Lafayette, Lehigh, Pennsylvania and Swarthmore, and will also compete for the championship of the Blue Mountain League, for which a silver trophy cup is offered by Mr. Warren A. Wilbur.

By action of the Athletic Committee last spring soccer was made a minor sport of the University and will therefore now receive some financial help.

Fall Lacrosse Practice

The fall lacrosse practice was begun on Taylor Field on October 5. A number of Freshmen are out learning how to handle a stick. New men will have a good opportunity next spring. Only six of last year's "L" players are now in college.

In the sports held on Taylor Field, on October 6, in connection with South Bethlehem's Semi-Centennial Celebration, James M. Burke, '16, Captain of the Lehigh track team, defeated Abel Kiviat, the noted Finnish runner of the New York Athletic Club, in the half-mile race.

Basketball Schedule

Four of last year's Varsity basketball team are in the University this year—Captain Green, guard; Crichton, center; Brewster and Kirkpatrick, guards. With Sanford and Dynan of the scrubs and a number of promising Freshman candidates, prospects are favorable.

The 1915-16 schedule follows:

- Dec. 11, Moravian College, at Bethlehem.
- Dec. 15, Villanova College, at home.
- Dec. 18, University of Rochester, away.
- Jan. 8, U. S. Military Academy, away.
- Jan. 12, Open.
- Jan. 15, Muhlenberg College, at home.
- Jan. 19, Temple University, at home.
- Jan. 29, Catholic University, away.
- Feb. 3, University of Rochester, at home.
- Feb. 5, Union College, away.
- Feb. 9, University of Pittsburgh, at home.
- Feb. 12, U. S. Naval Academy, away.
- Feb. 16, Catholic University, at home.
- Feb. 19, Penn State, away.
- Feb. 21, University of Pittsburgh, away.
- Feb. 22, Carnegie Inst. of Technology, away.
- Mar. 1, Lafayette College, at home.
- Mar. 4, Penn State, at home.

A Christmas trip is being arranged.

Outlook for Wrestling

In order to develop material for the Varsity wrestling team a Sophomore-Freshman match has been arranged for Friday evening, November 19, preceding the Lafayette game. Nearly fifty men from the two lower classes are out as candidates. The Athletic Committee has furnished a stimulus by offering to award class numerals to students earning positions on the class teams.

Good, who is not in college this year, is the only member of last year's Varsity team whose place must be filled. This is in the 175-pound class.

The others of the 1914-15 team now in the University are: Kirkhuff, 115 pounds; Martin, 125 pounds; McCullough, 135 pounds; Thomas, 145 pounds; Sawtelle, 153 pounds; Pons, heavyweight.

The schedule was not arranged when the BULLETIN went to press. The teams that will probably be met include Penn State and the University of Pittsburgh on a proposed trip west about March 1.

The Lehigh team, which was second last year, will again take part in the Intercollegiate Championships at Princeton in the latter part of March.

MARRIED**Booth—Williams**

Miss Charlotte Ford Williams, daughter of the late Henry Fairfax Williams and Mrs. Kate Duval Williams, of San Francisco, and George Rodney Booth, Ph.B., '86, Borough Solicitor of Bethlehem, were married in Grace Cathedral, San Francisco, on September 8, by the Rev. Mr. Howitt. Mr. and Mrs. Booth are at home at 410 East Market Street, Bethlehem.

Schoonover—Lillard

Miss Ruth Gwyn Lillard, daughter of Mr. and Mrs. J. W. Lillard, of Charlotte, N. C., and Carlton M. Schoonover, E.E., '06, were married at Charlotte on October 7. Mr. Schoonover is an electrical engineer with the Southern Power Company at Charlotte.

Reinke—Feuring

Miss Emily Feuring, daughter of Mr. and Mrs. Frederick Feuring, of Princeton, N. J., and Edwin E. Reinke, B.A., '08, M.A., '09, were married on August 14, at Princeton, the Rev. R. B. Pomeroy officiating. They are at home in Nashville, Tenn., where Dr. Reinke is a member of the Biology Department of Vanderbilt University. Following graduation in 1908 Dr. Reinke was an Assistant in Biology at Lehigh and then entered the graduate school of Princeton University from which he received the degree of Doctor of Philosophy in 1913.

Schealer—Barlow

Miss Evelyn Barlow, daughter of Mr. and Mrs. Harvey Barlow, of Pottstown, and Samuel Raymond Schealer, E.E., '09, were married on July 24 in the home of the bride's parents. The ceremony was performed by the Rev. J. A. Mertz. Mr. and Mrs. Schealer are living at 1535 West Broad Street, Bethlehem. Mr. Schealer is Assistant Professor of Electrical Engineering in Lehigh University.

Kynor—Halberstadt

"Dr. and Mrs. George H. Halberstadt announce the marriage of their daughter, Madeline Taws, to Mr. Herbert D. Kynor, on Saturday, the twen-

ty-fifth of September, one thousand nine hundred and fifteen, Pottsville, Pennsylvania."

Mr. Kynor was graduated from Lehigh University with the degree of Engineer of Mines in 1910. He is Assistant District Superintendent of the Lehigh Coal & Navigation Company at Lansford.

Robbins—Chapman

Miss Christine Chapman, daughter of Harvey Chapman, of Springfield, Mass., and William J. Robbins, B.A., '10, of Williamsport, were married at Springfield on July 15, by Rev. Dr. G. S. Rollins. Mrs. Robbins was graduated from Wellesley College in 1912. She took her Master's degree at Cornell University and then taught at Wellesley. Mr. Robbins received the degree of Doctor of Philosophy at Cornell last June. He will be an Instructor in Plant Physiology in the New York State College of Agriculture at Cornell next year.

Stockton—Shreve

The marriage of Rebecca Rodman Shreve, eldest daughter of Mrs. George Rodman Shreve, of San Mateo, Cal., and Gilbert Stockton, '10, took place in Trinity Chapel, Buffalo, on Tuesday, September 14. The ceremony was performed by the Rev. C. A. Jessup, D.D., Rector of St. Paul's Church, Buffalo. Richard Stockton, '10, was best man and Caleb S. Kenney, '10, was an usher. A reception followed at the residence of Mr. Stockton's father, Lewis Stockton, '81, 561 Franklin Street. Mr. and Mrs. Stockton are at home at 180 High Street, Portland, Me. Mr. Stockton on July 1 became manager of a new plant established in Portland by the Pocahontas Fuel Company of 1 Broadway, New York City. He was formerly with the New York Telephone Company and resigned to take this position.

Quin—Stites

Miss Emma Louisa Stites, daughter of Dr. G. M. Stites, of Williamstown, Pa., was married on September 2 to Herbert T. Quin, M.E., '11, Inspector of Equipment, Lehigh Valley Coal Company, Wilkes-Barre. The cere-

mony took place in the Methodist Episcopal Church, Williamstown, the Rev. B. A. Barnes officiating. Robert D. Quin, '16; Harry S. Gay, jr., '10, and E. F. Meschter, '12, were ushers. Mr. and Mrs. Quin are at home at 239 Pierce Street, Kingston.

Laub—Reiter

The marriage of Miss Grace I. Reiter, daughter of Mr. and Mrs. C. F. Reiter, of Bethlehem, and Allen V. Laub, B.A., '12, took place in Christ Reformed Church, Bethlehem, on August 12, the Rev. J. Rauch Stein officiating. The bride was graduated from the . Keystone State Normal School in 1911 and had been a public school teacher. Mr. Laub, who was formerly in the high schools at Milford and Catasauqua, is now an instructor in the Bethlehem High School. Mr. and Mrs. Laub are living at 151 Garrison Street, Bethlehem.

Clewell—Taylor

Miss Mildred Adele Taylor, daughter of Mr. and Mrs. Frank W. Taylor, of Norwood, a suburb of Philadelphia, and Reginald F. Clewell, M.E., '13, were married on October 12, the Rev. Stanley Bilheimer officiating. Mr. and Mrs. Clewell will live at 1109 Nineteenth Avenue, Altoona, where they will be at home to friends after January 1. Mr. Clewell is in the Altoona shops of the Pennsylvania Railroad.

Lewis—Lindenmuth

Miss Amy Loraine Lindenmuth, second daughter of Mr. and Mrs. A. N. Lindenmuth, of Allentown, and William E. Lewis, B.S. in Chem., '14, were married in Grace Episcopal Church, Allentown, on August 25, the Rev. R. H. Kline officiating. Mr. Lewis began service this fall as an Instructor in Chemistry at Lehigh.

Mueller—Christian

Miss Ermyl Christian, daughter of George S. Christian, of Freeland, Pa., and Theophil H. Mueller, M.A., '14, Instructor in German at Lehigh, were married on June 15 at Freeland, the Rev. E. Beard officiating. Mr. and Mrs. Mueller are at home at 37 East Broad Street, Bethlehem.

Anderson—Barton

Miss Christine Clyde Barton, daughter of D. C. Barton, of Newport, N. H., and Charles I. Anderson, '16, were married at Newport on August 23 by the Rev. Mr. Marrian. Mr. Anderson, who is in the Chemistry course in the University, has been the pitcher of the baseball team.

Thomas—Maloid

Miss Mildred Maloid, only daughter of Mr. and Mrs. William H. Maloid, of Bethlehem, and William M. Thomas, ex-'18, of Taylor, Pa., were married on June 16 in Elkton, Md. Mr. and Mrs. Thomas are at home at Taylor, where Mr. Thomas is in business.

OBITUARY

Elmer E. Snyder, C.E., '87

Elmer Ellis Snyder, Superintendent of the Louisville Division of the Louisville & Nashville Railroad, died on August 5, at his home in Louisville, Ky., following an illness of several months. He was born in Bethlehem on May 22, 1862, a son of the late Mifflin H. Snyder and Mrs. Angeline S. Snyder. He was fitted for Lehigh at Ulrich's Preparatory School. While in the University he was a member of the old Engineering Society and of the Psi Upsilon Fraternity. Upon graduation in 1887, with the degree of Civil Engineer, Mr. Snyder went south and entered railroad work. He had an active and successful career, becoming Superintendent of the Louisville & Nashville Railroad, with headquarters at Louisville. He is survived by his widow, Mrs. Annie Porter Snyder; two children, Charles and Mary Agnes; his mother, two brothers and four sisters.

R. Paul Stout, M.E., '91

R. Paul Stout, M.E., '91, Engineer of Ordnance of the Bethlehem Steel Company, was killed at the Redington proving grounds, on August 25, when the premature explosion of an experimental shell resulted in the death also of P. A. Rishel, a former chief petty officer in the United States Army. The funeral of Mr. Stout took place on

August 27 from his late home at Market and Linden Streets, Bethlehem.

Mr. Stout was born in Bethlehem on April 1, 1869, a son of Captain Frank C. Stout and Clara Clewell Stout. He was prepared for Lehigh at the Hill School, Pottstown. During his career in the Bethlehem Steel Company's plant Mr. Stout invented numerous appliances used in the manufacture of war materials and came to be recognized as one of the foremost ordnance experts in the world.

Mr. Charles M. Schwab, who attended the funeral, referred to Mr. Stout as follows:

"He was one of the few men, of the many I have known, to whom the term 'genius' can be literally applied. He was generally recognized as ranking at the very top of his profession and his opinions were always received with great and deserved deference. Like all truly proficient men, his personality was one of simplicity and delightful manliness, and he was respected and esteemed by all who knew him.

"As for myself, during my eight years' association with Mr. Stout, I had learned to love and appreciate him more with each advancing year, and while his loss as a business man of eminence is great, the real sorrow and grief in my heart is the loss of a dear friend and close associate."

Mr. Stout is survived by his widow, Emma Wolle Stout; two sons, Robert P. and Frank; his parents, and one brother, Harry Stout, of Bethlehem.

Morgan Davis, B.S., '92

Morgan Davis, jr., B.S. in Mining, '92, one of the best known mining engineers in the anthracite field, died on August 26 at the Scranton Private Hospital, after an illness of several weeks, due to blood poisoning.

Born February 12, 1867, in Mt. Carmel, a son of Morgan Davis, Sr., he attended Ulrich's Preparatory School in Bethlehem, and entered Lehigh University in 1888. Graduating in 1892, Mr. Davis was employed in the Mining Departments of the Lehigh Valley and Philadelphia & Reading Railroads for three years, and then became a writer of text books on mining for the International Correspondence Schools. He prepared the first mining course of the schools. As a promoter of business enterprises Mr. Davis worked successfully. He put through the sales of the Pancoast Col-

liery to the Scranton Coal Company, the National Colliery to the Lackawanna Coal Company, and other similar sales. He promoted enterprises in railroad and water companies in the South and mines in New Mexico. During the present war he arranged for furnishing coal and mules to the English and French governments. At the time of his death he was working on a contract that would net the Allies 50,000 tons of coal a month.

Mr. Davis was not married. His father and three sisters survive.

Robert A. McKee, M.E., '95

Robert A. McKee, M.E.; '95, Manager and Chief Engineer of the Steam Turbine Department of the Allis-Chalmers Company, Milwaukee, died in New York City, of heart trouble, on September 5. He was buried at Towanda, Pa., where he was born on September 12, 1873, a son of Robert and Jane Craft McKee. Mr. McKee was graduated from the Towanda High School in 1891, and entered Lehigh in the fall of that year. In the University he was a member of the Engineering Society and the Agora of those days.

Mr. McKee became associated first with the Westinghouse Company and then, in 1903, with the Allis-Chalmers Company. "Iron Age" said of him: "He acquired a reputation as an engineer of great ability and was closely identified with the development of the Allis-Chalmers steam turbine." He was a member of the American Society of Mechanical Engineers and American Institute of Electrical Engineers.

Mr. McKee is survived by his widow, two young children, his mother and one brother.

John J. Young, jr., C.E., '06

In an effort to save a young woman from drowning, John J. Young, jr., C.E., '06, lost his life at Wildwood, N. J., on August 8. Mr. Young was born in Warrington, England, on December 31, 1881, a son of Mr. and Mrs. John J. Young. His parents came to this country when he was six years of age, locating in Williamsport where his father is Superintendent of the Williamsport Wire Rope Company. After graduation from the Williams-

port High School Mr. Young entered Lehigh in the fall of 1902. He was a member of the Kappa Sigma Fraternity and of the Civil Engineering Society, President of the Lehigh University Williamsport Club and, during the 1904-05 seasons he was a substitute center on the football team. He was awarded a football monogram in 1905. After graduation Mr. Young went to work for the Philadelphia and Reading Railroad Company in the drafting department at Philadelphia. In January, 1915, Mr. Young entered the employ of the Dexter Cement Company at Williamsport.

Edward W. Chandler, '13

Edward Williamson Chandler, '13, was a member of the crew of the electric dredging boat Houston, thirty-five of whom went down during the hurricane at Galveston, Texas, early on the morning of August 17. His body was identified by his father, G. W. Chandler, President of the Crescent Sand Company, Harriman, Tenn. after a distressing search in which hope of finding his grave among others on the beach at Galveston had practically been given up.

Mr. Chandler was born at Oneida, Tenn., on April 26, 1892, a son of Mr. and Mrs. George W. Chandler. Following a course in the University School at Harriman, he attended the Bethlehem Preparatory School and, in 1910, entered Lehigh University as a student in the Electrical Engineering Department. He became a member of the Phi Delta Theta Fraternity.

Upon leaving college, Mr. Chandler went to work in charge of the power house of coal mines at Turley, Tenn. Going into the service of the North American Dredging Company, he was assigned to mechanical work on the company's electric dredging boat at Houston. He was recently promoted to be Clerk and Assistant to the Captain.

Mr. Harvey Sheldon Kitchel, for the past fifteen years Assistant Treasurer of Lehigh University, died on October 12 in his home in Bethlehem, after a week's illness of pneumonia. He was in his seventy-seventh year.

PERSONALS

Class of 1890.—Wesley H. Beck is Assistant Chief Engineer of the Ellsworth Collieries Company at Ellsworth, Pa.

Class of 1891.—Frederick S. Camp is Superintendent of the Public Schools of Stamford, Conn. He was elected to the position last June following many years of service as Principal of the Rogers School in Stamford.

Robert Schmitz, C.E., is an assistant engineer in the Bureau of Highways, Department of Public Works, Philadelphia.

Class of 1893.—John Joy Edson, jr., is Treasurer of the Central Railway Signal Company, Pittsburgh, and Treasurer of the Pittsburgh Water Heater Company.

Class of 1896.—Thomas J. Gannon, M.E., announces that he has opened an office at 143 Liberty Street, New York City, as a consulting mechanical and hydraulic engineer on power plants, water supply and sewage disposal, coal and fuel economy, mechanical equipment and testing, reports and evaluations.

Class of 1898.—The latest issue of the Employees' Magazine of the Lehigh Valley Coal Company contained an article on the use of explosives by F. H. Gunsolus, C.E., Manager of the Technical Division of the DuPont Powder Company, Wilmington, Del.

Class of 1901.—Edward T. Murphy, M.E., has been made Secretary and Philadelphia Manager of the Carrier Engineering Corporation, New York City. "Mr. Murphy has invented a humidity regulator for textile mills, and a compensating regulator for air under pressure, to give a constant weight of moisture per pound of air for use with dry blast plants for iron furnaces."

C. J. McGonigle, C.E., is President of the Western Sheet Metal Works, of Portland, Ore.

Class of 1902.—Joseph T. McNater, who, after leaving Lehigh, entered the Law School of New York University and was graduated in 1913, has be-

come associated with the office of the law firm of Briessen & Knauth, 25 Broad Street, New York City. Mr. McNaier will devote himself especially to patent application and patent litigation work.

Class of 1903.—George L. Robinson, C.E., President of the New York Sewage Disposal Company, New York City, had an illustrated article in the July issue of the "Garden Magazine" on "Water for the Garden and Home."

Class of 1905.—Walter S. Buck, General Agent of the Connecticut Mutual Life Insurance Company at Scranton, was the delegate of the Scranton Rotary Club at the International Convention of Rotary Clubs held in San Francisco in July.

C. E. Clewell, E.E., Assistant Professor of Electrical Engineering in the University of Pennsylvania, is the author of a thirty page pamphlet on "Illuminating Engineering as a Branch of Technical Instruction," reprinted from the transactions of the Illuminating Engineering Society. The paper, which was presented under the auspices of the Society's Committee on Education, contains favorable discussion by prominent members of the Society.

James H. Wolfe, M.E., represented the National Municipal League at the seventh annual meeting of the American Institute of Criminal Law and Criminology, held at Salt Lake City in August.

Class of 1904.—George M. Hornberger is Master Mechanic at the State Hospital, Danville, Pa.

Class of 1907.—H. L. Baldwin, C.E., Secretary of the Inter-Mountain Lehigh Club, is a Civil Engineer specializing in steel and concrete, with an office at 606 Deseret News Building, Salt Lake City, Utah.

Class of 1909.—J. L. Kuschke is a teacher in the New York Collegiate School, New York, N. Y.

Class of 1910.—G. C. Bakewell, formerly with the Municipal Filtration Plant at Cleveland, O., is now located with the Walsh Construction Company in Cleveland.

James C. Gorman, jr., E.M., is District Manager of the Ransome Concrete Machinery Co., Columbus, O.

Class of 1911.—Ario Wear was recently appointed Vice-President and Chief Engineer of the Denburger Contracting Company, which built the new Minsi Trail bridge across the river at Bethlehem.

Elmer M. Conover, M.E., formerly with the Maryland Steel Company, is now Instructor in Manual Training in the McKeesport High School.

Donald R. Lowry, M.E., formerly with Dravo-Doyle Co., at Indianapolis, is now in the New York office of the A. S. Cameron Steam Pump Works.

Class of 1912.—John F. Herr, Ch.E., formerly with the Conduits Company, Toronto, is now Chief Chemist at the Hopewell works of the E. I. duPont de Nemours Powder Company, City Point, Virginia.

A. R. Henley has resigned his position as Chief Mechanical Draftsman of the Lehigh Coal and Navigation Company at Lansford, Pa., to take a position with the Delaware and Hudson Canal Company.

Class of 1913.—Lawrence E. Carpenter, Ch.E., has been appointed Chief Chemist of the Newburgh, N. Y., Plant of the Du Pont-Fabricoid Company, manufacturers of Artificial Leather.

Thomas B. Coleman, B.S. in Business Administration, is Assistant to the Vice-President of the Ward Baking Company, 367 Southern Boulevard, New York City.

Charles H. Rominger, M.A., Superintendent of the Moravian Parochial School, Bethlehem, was the author of five articles treating of John Hus, his life and influence, published in June and July in "The Churchman," "The Sunday School World," "The Continent," "The Missionary Review," and "The New Century Sunday School Teachers' Monthly."

Class of 1914.—Percy Sanderson, B.A., a member of the staff of the "Evening Ledger," Philadelphia, has been serving as Golf Editor during the summer and fall.

A Page of Items from the Campus

C. E. Students Take Part in Tests

At the opening meeting for the year of the Students' Civil Engineering Society, Professor McKibben outlined the work done in the Fritz Laboratory by the Civil Engineering Department during the last four years in testing concrete columns. The experiments have been conducted largely as thesis work.

Nearly one hundred concrete columns have been tested in the 800,000-pound machine. Some of these columns were as long as 20 feet, a size large enough to command attention. Two types have been tested, plain concrete and reinforced concrete. Many of the latter consisted of a concrete pillar surrounded by a spiral of steel wire, the spiral greatly increasing the carrying capacity of the concrete. The effect of the spiral wrapping is shown by the fact that, whereas ordinary concrete columns break under a load of 2000 pounds per square inch, the spirally reinforced columns stand 5000 pounds per square inch before breaking.

The St. Paul's Society, an organization of Lehigh students and others connected with the University who are Episcopalians, has arranged a series of meetings for the year at which the speakers will be the Rt. Rev. Ethelbert Talbot, Bishop of Bethlehem; the Rt. Rev. P. M. Rhinelander, Bishop of Pennsylvania; the Rev. F. B. Bartlett, Vicar of Christ Chapel, Brooklyn; the Rt. Rev. A. S. Lloyd, Chairman of the Board of Missions; Paul M. Payne, L. U., '91, Librarian of the Syracuse Public Library; and the Rt. Rev. C. D. Williams, Bishop of Michigan.

Dormitories Entirely Filled

Taylor Hall, the larger dormitory of the University, has opened for its ninth year with a lease filed on every room. The new smaller dormitory is likewise entirely occupied.

The personnel of the dormitory governing body is as follows: Dormitory Chief, J. H. Reitzel, '16; Chief Section A, W. B. Miller, '16; Chief Section B,

E. H. Reisler, '16; Chief Section C, P. S. Mack, '16; Chief Section D, R. G. Cook, '16; Chief Section E, J. B. Hill, '16; Chief, Die Alte Brauerei, H. E. Kantner, '16.

Lehigh Evening School

The Lehigh Evening School, which is in its eighth year, opened on October 4 with the largest enrollment it has thus far had. The pupils are, for the most part, young workmen in the plant of the Bethlehem Steel Company. With University instructors and students in charge, they are taking work in English, arithmetic, algebra, geometry, trigonometry, mechanical drawing, elementary machine design, physics and applied electricity.

Upon application of men working on night shifts, classes have been organized that recite on Wednesday and Saturday afternoons.

Rifle Club Prospects

The first practice of the Lehigh Rifle Club will be held on Monday evening, October 18, in the remodeled range in the basement of Packer Hall. A target rifle will be offered, as well as medals, to members of the University team making the best records. The outlook is reported favorable for a creditable showing in intercollegiate competition. All of last year's men are in college except Captain Latham.

The Mandolin and Glee Clubs are rehearsing for concerts this season, to be given in the Bethlehems and in Germantown, Wilmington, Baltimore and New York City, the last named in association with the musical clubs of Columbia University.

Freshmen Won Founder's Day Sports

The Sophomores won the football game at the Founder's Day sports, held October 12, but the Freshmen captured honors for the day and the privilege of wearing colored ties and socks by defeating the upper class in the relay race and in baseball.

News of the Local Alumni Clubs

Lehigh Club of Pittsburgh

The Pittsburgh Lehigh Club won the honor of being first to start alumni activities for 1915-1916 by holding an outing at the Youghiogheny Country Club on Saturday afternoon and evening, September 11. About 75 members attended.

W. A. Cornelius, '89, Executive Committee Member of the Pittsburgh Lehigh Club and President of the Youghiogheny Country Club, donated the "Billiken Elius Trophy" for trap shooting. A spirited competition resulted in which C. H. Tilghman and N. Allderdice, son of Taylor Allderdice, '83, were tied. In the shoot-off Mr. Allderdice won.

The outcome of the blind-bogie handicap golf contest was a triple tie between H. D. Wilson, M. R. Stevenson and Homer Gerwig. In the match-off Mr. Wilson won.

A baseball game was played between teams captained by J. J. Edson, Jr., and H. D. Wilson. Umpire Homer D. Williams called the game in the sixth inning. The score has not been reported.

At the informal supper in the club house, in the evening, Vice-President R. G. Johnson presided and presented the trophies won in the afternoon sports.

The Pittsburgh Club will be represented at the Lafayette game, at South Bethlehem on November 20. A large delegation will go to Washington, Pa., on Thanksgiving Day to see the closing contest of the season when Lehigh meets Washington and Jefferson.

L. U. Club of Greater New York

The first meeting of the Lehigh University Club of Greater New York for the year will be held on Friday evening, October 15, at the Machinery Club, 50 Church Street. The guest of honor will be R. S. Perry, '88, President of the Alumni Association. There will be a combination smoker, dinner and cabaret show.

A good sized delegation of New York men accompanied the Lehigh team to New Haven on October 9, and saw the game with Yale.

Philadelphia Lehigh Club

The October issue of Secretary Bernstein's breezy "News" contains the following first page announcement:

"Preliminary gathering of the Lehigh Clans, season 1915-1916. First fall meeting of the Philadelphia Lehigh Club, Wednesday evening, October 13, 1915, 8:15 p.m., University Club, 1510 Walnut Street. Topic for the evening, an interesting and instructive lecture: 'Ancient Systems of Water Supply and Some Accessory Matters,' profusely illustrated with lantern slides, by Henry Leffmann, consulting engineer.

"After the lecture a general discussion will take place in regard to the coming Lehigh-Lafayette football game, the securing of seats for the same, and the appointing of a booster committee for coming events. A big attendance is desired as big things are expected of us, for you know the Fiftieth Anniversary is going to be a hummer. Start now and get on the band wagon."

Lehigh Club of Canada

Forty Lehigh men, resident in Canada, have organized a new Lehigh Club. The idea of having a "Lehigh Club of Canada" was suggested to the University authorities some time ago, and Dr. Drinker replied: "That we should have a Lehigh Club of Canada—and we have enough men in Canada to make it worth while—is certainly a very happy thought."

At a meeting held in the American Club, Toronto, a simple constitution and by-laws were adopted and officers were elected as follows:

President, S. C. DeWitt, '95, Assistant Manager, Federal Engineering Co., Toronto; First Vice-President, R. D. Bell, '08, member of firm, Greenshields & Co., Montreal; Second Vice-President, A. E. Juhler, '91, Sales Manager, London Machine Tool Co., Toronto; Treasurer, W. S. Ayars, '96, Professor in Nova Scotia Technical College, Halifax; Secretary, A. E. Jennings, '08, Business Manager, "The Canadian Engineer," Toronto; Assistant Secretary, W. C. Willard, '07, Professor in McGill

University, Montreal; Auditor, T. J. S. Edelen, '04, Vice-President, N. J. Din-
nen & Co., Winnipeg; Chairman Nomi-
nating Committee, H. L. Bowers, '00,
Manager, Standard Ideal Co., Port
Hope; Members Nominating Commit-
tee, W. F. Dean, '88, Manager, Sales
Department, Canadian General Elec-
tric Co., Toronto, and the Secretary.

Secretary Jennings writes: "It is
planned to have a monthly Lehigh
luncheon at some leading hotel in
every city and town throughout Can-
ada in which there are resident any
members of the new club. These lun-
cheons will all be held at the same
time, namely, at one p.m., on the
third Wednesday of each month, the
idea being that, wherever he may be
on that particular day of the month,
every Lehigh man may be able to drop
into a Lehigh meeting, perhaps small,
but enthusiastic. A list of the hotels
in which these luncheons will take
place will be published in the BULLE-
TIN after the luncheons are effectively
organized.

"The main objects of the Lehigh
Club of Canada are to advance, in
Canada, the interests of Lehigh Uni-
versity in any way possible, to wel-
come any Lehigh man who may move
to Canada and to help them 'break
the ice,' and to promote good fellow-
ship among Lehigh men in Canada."

Chicago Lehigh Club

The Chicago Lehigh Club enjoyed,
in 1914-15, the best year since organi-
zation. The present officers hope to
go last year one better in their plans
for 1915-16.

Members who favor and will back
the scheme of fortnightly luncheons at
the New Morrison Hotel are asked to
write or call up by telephone President
Geare or Secretary Reel.

Southern Anthracite Lehigh Club

A meeting of the Southern Anthra-
cite Lehigh Club will be held shortly,
time and place to be announced by
Secretary A. W. Wright, when plans
for the winter will be considered.
Closer affiliation with the Northeastern
Pennsylvania Lehigh Club has been
suggested.

Northeastern Penna. Lehigh Club

The Northeastern Pennsylvania Le-
high Club plans a series of fall, win-
ter and early spring smokers and din-
ners that will comprise the most suc-
cessful year in the history of the club.
The season will be opened with a
smoker and beefsteak dinner on Octo-
ber 23.

Secretary Schweitzer has sent out
notices to members as to the exact
place and hour. It is expected that
Professor Meaker will be on hand for
a talk.

Plans will be developed later for the
annual dinner in January.

A special smoker will be held in No-
vember, just before the Lafayette
game, to make arrangements for at-
tendance at the big contest on Novem-
ber 20 when the Northeastern Club
expects to occupy its section in the
Taylor Stadium.

A. E. Lister, M.E., '92, Mechanical
Engineer in the Coal Department of
the Delaware and Hudson Canal Com-
pany, has been promoted to the posi-
tion of Efficiency Engineer. C. A.
Straw, '93, former Superintendent of
the Lehigh Coal and Navigation Com-
pany and Superintendent of the Atlas
Portland Cement Company, has been
appointed to the position made vacant
by Mr. Lister's promotion. M. A.
Walker, M.E., '03, has been made
Chief Draftsman under Mr. Straw.

The Lehigh Club of Maryland

Officers of the Lehigh Club of Mary-
land for 1915-16 were elected, at a
meeting in the Hotel Rennert, Balti-
more, on Thursday evening, September
30, as follows: President, Henry M.
Riley, '10; Vice-President, Henry S.
Regester, jr., '05; Secretary and Treas-
urer, John L. Mosher, '10; Executive
Committee, the officers together with
Thomson King, '08, and F. E. Ras-
mers, '11.

It was decided to hold a smoker,
with cabaret features, on Wednesday
evening, November 17, probably at the
Hotel Rennert. The program will
have a pre-Lafayette football flavor.

The Club's annual dinner is planned
for some time in February. President
Drinker and others will be invited.

The New England Lehigh Club

"More men out" is the slogan of the New England Lehigh Club for 1915-16. At the first meeting of the season, held in the Brunswick Hotel, in Boston, on September 28, methods were discussed by those present to increase the attendance at gatherings this winter.

"If it is possible we want to have Dr. Drinker with us at the next meeting in December," writes H. H. Davis, '92, Secretary of the Club. Mr. Davis asks the ALUMNI BULLETIN to say that a statement in the Boston "Evening Transcript" of September 29 that the establishment of a scholarship in the University has been planned, is erroneous. The New England Lehigh Club is too young an organization to undertake such a proposition.

Inter-Mountain Lehigh Club

The Inter-Mountain Lehigh Club looks forward to a meeting with Dr. Drinker, on October 16, when he reaches Salt Lake City on his way to the Coast. Every member who can possibly arrange it will be on hand to greet the President.

Professor Richards, of the University, was entertained at lunch in the University Club, Salt Lake City, on September 24, as he was returning from San Francisco. Lehigh men present were H. L. Baldwin, '07, M. S. Hanauer, '86, E. G. Rogers, '10, J. H. Siegel, '96, J. U. Siegel, '11, J. H. Wolfe, '05, E. R. Zalinski, '00, W. B. Neide, '15, of Philadelphia, and Professor Richards, '86.

The Southern Lehigh Club

The first meeting of the Southern Lehigh Club for the present season will be held in Washington, D. C., in November. Secretary Johnson will send due notice of the exact time and date to all alumni in the Club's territory. It would expedite matters if any new men or old men who have changed addresses would notify Ellwood Johnson, Secretary-Treasurer, Room 300, Municipal Building, Washington.

The annual meeting of the Club will take place in December, when officers will be elected. Monthly smokers will be held after the first of the year.

Detroit Lehigh Club

The Detroit Lehigh Club will hold its fall meeting on the evening of November 20, when the result of the Lafayette-Lehigh game will be received by telegraph. F. U. Kennedy, Secretary of the Club, 58 Lafayette Boulevard, Detroit, urges all Lehigh men in the city and vicinity to send him their names and addresses so that he can keep them informed as to Club activities. The Detroit men hope to have President Drinker as a guest at a dinner this winter.

Members of the Club greeted Professor Franklin when he was in Detroit recently to address the meeting of the Iron and Steel Electrical Engineers.

Lehigh Club of Northern New York

A fall meeting of the Lehigh Club of Northern New York will be held in Schenectady about the time of the Lafayette game, it is reported. Official notices about gatherings will be sent out by Secretary Moffatt. As usual, the annual dinner will be given at a date when the Senior Electrical Engineering students of the University visit the electrical plants at Schenectady.

Lehigh Club of Western New York

President Underwood visited the University recently and carried away a new charge of enthusiasm for Lehigh. Secretary Childs is back at his work as Head of the Science Department of the Buffalo Technical High School, after a summer spent in commercially developing new process work at Pittsburgh.

The Western New York Club expects to have at least two meetings in Buffalo during the season.

Lehigh University Home Club

While its members have always been active in furthering Lehigh interests, it is believed that all previous records of the Home Club were surpassed this summer in the important service of getting vacation jobs for students. Practically every undergraduate who made known his desire to work was placed for the summer in the plant of the Bethlehem Steel Com-

pany. The boys expressed their appreciation warmly to W. F. Roberts, President, and S. T. Harleman, Secretary, of the Home Club.

Lehigh Men in Northern Ohio

Alumni in Cleveland are discussing plans for the organization of a Lehigh Club of Northern Ohio. Lehigh men interested should get into touch with F. A. Coleman, '92, President of the Coleman Foundry Equipment Company, 2102 Abbey Avenue, Cleveland.

California Alumni Meet

A group of Lehigh men in California will dine with President Drinker at the University Club, San Francisco, on Monday evening, October 18. Arrangements for the dinner have been made by W. W. Thurston, '98, of San Francisco.

ALUMNI EMPLOYMENT BUREAU

A 1914 man now with the C. & P. Telephone Company, Baltimore, desires a commercial engineering position, preferably in Baltimore. Can furnish references. Address 22, care Editor LEHIGH ALUMNI BULLETIN, Bethlehem, Pa.

A position that offers good opportunities will be available for an electro-metallurgist who is willing to put up with frontier conditions. Applicants should address File 6, care Editor LEHIGH ALUMNI BULLETIN, Bethlehem, Pa.

"Graduate M.E., '07, is desirous of changing to a position affording good opportunities. He is experienced in work as follows: cement, machine shop, steam engineering, cotton finishing, time study, and rate fixing and has been a master mechanic and mechanical superintendent." Address Y, Editor LEHIGH ALUMNI BULLETIN, Bethlehem, Pa.

A 1915 graduate, B.S. in Geology, desires a position in the advertising or sales department of some company manufacturing staple products; eastern location preferred. Opportunity for the future, not present salary, is main consideration. Address L, care of Editor LEHIGH ALUMNI BULLETIN, Bethlehem, Pa.

THE REUNION CUP

Suggestions to Class Secretaries Regarding Attendance Next June

The July issue of the ALUMNI BULLETIN contained an announcement of the donation by the Class of 1891 of a large silver reunion cup to be awarded to and held for a year by the class having at each Alumni Day at the University the largest percentage of its living membership. As a number of classes other than those regularly holding reunions in 1916 plan to assemble for the University's jubilee celebration, it seems wise to give information thus far in advance for the benefit of class secretaries.

Directions about how to proceed in making up an accurate class list are given by Walton Forstall, Secretary-Treasurer of the Class of 1891:

"At former reunions the only interest the Secretary had was in the number of men attending. Now, however, due to the fact that the cup will be offered to the Class bringing back the largest percentage of its living membership, the question comes before the Secretary in the form of a fraction, the numerator of which, namely, the number of men who attend, he should be quite well able to cope with, but the denominator requires some attention.

"As defined in Article II of the Cup Rules (see page 6, ALUMNI BULLETIN, July, 1915), this denominator in its first form is the total number of living graduates and non-graduates credited to the Class in the most recent 'List of Alumni and Students.'

"From this list can be deducted (a) any deaths occurring since the publication of the List. This simply involves notifying the Secretary of the Alumni Association of such death. (b) Men assigned by the Alumni List to the Class, who, however, desired to be considered with another Class. This can be ascertained by sending the proper letters to men whom the Secretary has reason to suppose may really desire to be connected with a different Class from that to which the List assigns them. So far, the Class of 1891 has found two men who have always considered themselves members of the Class of 1890 and attended the reunions of that Class. (c) Non-graduates whose addresses are unknown and who have been connected with more than one Class. In this case the Secretary should prepare a list of non-graduates credited to his Class and with no address given in the Alumni List, and send this list to the Registrar of the University with the request that there be marked on it the names of those who were connected with more than one Class. These names can then be stricken from the Class list."

ALUMNI ASSOCIATION OF LEHIGH UNIVERSITY—OFFICERS

1915-1916

President

Robert S. Perry, Philadelphia.

Vice-Presidents

Theodore A. Straub, Pittsburgh.

Henry H. Scovil, New York City.

Archivist

Howard Eckfeldt, South Bethlehem.

Secretary and Treasurer

P. A. Lambert, Bethlehem.

Honorary Alumni Trustees

Franklin Baker, jr., Philadelphia.

Alfred E. Forstall, New York City.

Schuyler B. Knox, New York City.

Ralph M. Dravo, Pittsburgh.

Executive Committee

Robert S. Perry, Chairman, Theodore A. Straub, Henry H. Scovil, Franklin Baker, jr., Alfred E. Forstall, Schuyler B. Knox, Ralph M. Dravo, Howard Eckfeldt, Preston A. Lambert.

Local Alumni Clubs

The Lehigh University Club of Greater New York.—President, H. H. Scovil, '98; First Vice-President, Aubrey Weymouth, '94; Second Vice-President, Samuel M. Dessauer, '96; Third Vice-President, Franklin Hardcastle, jr., '12; Secretary-Treasurer, Norman N. Merriman, '05. Office of Secretary, 42 Broadway, New York City.

The Northeastern Pennsylvania Lehigh Club.—President, G. W. Engel, '92; Vice-President, F. J. Deemer, jr., '08; Second Vice-President, D. H. Jenkins, '88; Secretary and Treasurer, Edgar Schweitzer, '07; Advisory Board, Charles Enzian, '01; Henry Kemmerling, '91, and C. C. Anderson, '94. Office of Secretary, 73 Carlisle Street, Wilkes-Barre.

The Philadelphia Lehigh Club.—President, Percival Drayton, '92; First Vice-President, E. T. Murphy, '01; Second Vice-President, J. S. Wharton, '09; Trustees, R. S. Perry, '88, and R. H. Morris, '89; Secretary and Treasurer, Moriz Bernstein, '96. Office of Secretary, 2130 Etschlag Street, Philadelphia.

Lehigh University Club of New England.—President, W. D. Hartshorne, '74; Vice-President, L. A. Olney, '96; Secretary and Treasurer, H. H. Davis, '92; Executive Committee, D. K. Dean, '06, H. W. Rowley, '85. Office of Secretary, 8 Irvington Street, Boston, Mass.

The Northern New York Lehigh Club.—President, W. E. Holcombe, '94; Vice-President, H. C. Schwecke, '98; Secretary, C. L. Moffatt, '04. Office of Secretary, Direct Current Department, General Electric Company, Schenectady, N. Y.

The Inter-Mountain Lehigh Club.—President, James C. Dick, '95; Secretary, H. L. Baldwin, '07; Executive Committee, M. S. Hanauer, '86, J. E. Talmage, '91, J. H. Siegel, '96, J. H. Wolfe, '05, in addition to the officers. Office of Secretary, 226 Union Station, Salt Lake City.

Southern Lehigh Club.—President, G. H. Chasmar, '97; Vice-President, H. C. Eddy, '92; Executive Committee, W. A. Draper, '07, C. R. Whyte, '12, and officers; Secretary and Treasurer, Ellwood Johnson, '07. Office of Secretary, Room 300, Municipal Building, Washington, D. C.

Chicago Lehigh Club.—President, R. E. S. Geare, '04; Vice-President, C. M. Daniels, '07; Secretary and Treasurer, G. K. Reel, '07; Chairman Executive Board, H. W. Kern, '92. Office of Secretary, 20 E. Jackson Boulevard, Chicago.

Pittsburgh Lehigh Club.—President, G. H. Neilson, '85; Vice-President, R. G. Johnson, '04; Secretary and Treasurer, G. P. McNiff, '06; Executive Committee, Taylor Alderdice, '83, Timothy Burns, '01, W. A. Cornelius, '89, R. M. Dravo, '89, J. J. Edson, '93, H. W. Eisenhart, '03, R. T. Morrow, '82, P. P. Reese, '03, C. L. Taylor, '76, and H. D. Wilson, '01. Office of the Secretary, 1810 Frick Building, Pittsburgh.

The Lehigh Club of Maryland.—President, Henry M. Riley, '10; Vice-President, Henry S. Regester, jr., '05; Secretary and Treasurer, John L. Mosher, '10; Executive Committee, foregoing officers and Thomson King, '08, and F. E. Rasmers, '11. Office of the Secretary, 1717 Munsey Building, Baltimore.

The Lehigh Club of Western New York.—President, Charles W. Underwood, '94; Secretary, David H. Childs, '98. Office of Secretary, 261 Huntington Avenue, Buffalo, N. Y.

The Southern Anthracite Lehigh Club.—President, H. E. Atkins, '91; Treasurer, Harold M. Smyth, '12; Secretary, A. W. Wright, '03. Office of Secretary, 7 N. Center Street, Pottsville, Pa.

Detroit Lehigh Club.—Secretary and Treasurer, F. U. Kennedy, '07, 58 Lafayette Boulevard, Detroit, Mich.

Southwestern Lehigh Club.—Chairman, W. J. Hiss, '95; Secretary, C. L. Orth, '04, 2188 Railway Exchange Building, 6th and Olive Streets, St. Louis, Mo.

The Lehigh University Home Club.—President, W. F. Roberts, '02; Secretary and Treasurer, S. T. Harleman, '01. Office of Secretary, 364 E. Market Street, Bethlehem.

Lehigh Club of Canada.—President, S. C. DeWitt, '95; First Vice-President, R. D. Bell, '08; Second Vice-President, A. E. Juhler, '91; Treasurer, W. S. Ayars, '96; Secretary, A. E. Jennings, '08; Assistant Secretary, W. C. Willard, '07; Auditor, T. J. S. Edelen, '04; Chairman Nominating Committee, H. L. Bowers, '00. Office of Secretary, 62 Church Street, Toronto, Canada.